

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12732-070001	Application No. 09/931,061
<b>Information Disclosure Statement</b> by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Jun Koyama et al.	
		Filing Date August 17, 2001	Group Art Unit 2811 2674

## U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
PN	AA	5,712,652	01/27/1998	Sato et al.	345	90	02/16/1996
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
PN	AL	8-286170	11/01/1996	Japan Japan	G02F	1/133	Abs	
	AM							
	AN							
	AO							
	AP							

## Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AQ	
	AR	
	AS	
	AT	

Examiner Signature FRANCIS W. GUYEN	Date Considered 2/6/03
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	